



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Alvin J. Joseph et al.

Serial No.: 10/604,045

Filed: June 24, 2003

Title: High  $f_T$  and  $f_{max}$  Bipolar Transistor  
and Method of Making Same

IBM Docket No.: BUR920030004US1  
(02016-00149)

**CERTIFICATE OF MAILING (37 C.F.R. 1.8a)**

I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, Alexandria, VA 22313-1450.

 7/02/03  
Morgan S. Heller II Date

Group Art Unit: Not yet assigned

Examiner: Not yet assigned

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

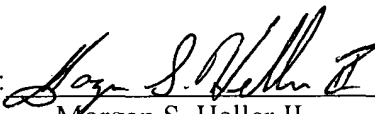
July 2, 2003

**Supplemental Information Disclosure Statement Transmittal**

In connection with the above-identified application, please find attached a Supplemental Information Disclosure Statement and copies of the references cited therein.

Respectfully submitted,

DOWNS RACHLIN MARTIN PLLC

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BTV/245627.1

P242-12/00

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In re application of: Alvin J. Joseph and Qizhi Liu

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**INFORMATION DISCLOSURE STATEMENT FILED PURSUANT TO THE  
DUTY OF DISCLOSURE UNDER 37 C.F.R. §§1.56, 1.97 AND §1.98**

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and §1.98, applicants request consideration of this Information Disclosure Statement.

Information Cited

Applicants hereby make of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

REMARKS

A copy of each of the above-identified items of information is enclosed unless otherwise indicated on the attached form PTO-1449 (modified). It is respectfully requested that:

1. the examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. the enclosed form PTO-1449 be signed by the examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application; and
3. the citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, applicants make no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, applicants make no representation that the information cited in this Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

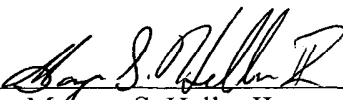
By submitting this Information Disclosure Statement, applicants make no representation that the information cited in this Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

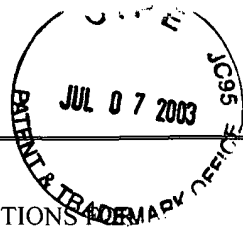
Notwithstanding any statements by applicant, the examiner is urged to form his/her own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,

DOWNS RACHLIN MARTIN PLLC

By:   
Morgan S. Heller II  
Reg. No. 44,756  
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FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT

Page 1 of 1

(Use several sheets if necessary.)

ATTY DOCKET NO.

BUR920030004US1

SERIAL NO.

10/604,045

APPLICANT: Joseph et al.

FILING DATE:

June 24, 2003

GROUP:

Not yet assigned

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINERS INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPRO.)
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

## U.S. PATENT APPLICATION PUBLICATIONS

	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	JP2001319936	Dec. 5, 2000	Japan				
	AM	JP10223649	Aug. 21, 1998	Japan				
	AN	JP5175221	July 13, 1993	Japan				

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.